

PRINT ? D
PRINTER  NAME: \$\simeq \section \text{NOUILLANTE\TIMES} \rightarrow \text{Properties}  STATUS: IDLE
PAGE RANGE     ALL  CURRENT PAGE  SELECTION  PAGES:  ENTER PAGE NUMBERS AND/OR PAGE RANGES SEPERATED BY COMMAS. FOR EXAMPLE 1,3,5-12  804  COPIES  NUMBER OF COPIES:  II III III III III III III III III II
ENRICHMENT  PERSONALITY: BUSINESS  APPLY ENRICHMENT TO:  ALL  CURRENT PAGE  SELECTION  PAGES:  ENRICHMENT AS:  CURRENT PAGE  OPTIONS
808 ZOOM 802 870  PRINT WHAT: DOCUMENT    PAGES PER SHEET: 1 PAGE     PRINT: ALL PAGES IN RANGE    SCALE TO PAPER SIZE: NO SCALING     OPTIONS    OK    CANCEL
FIG. 8

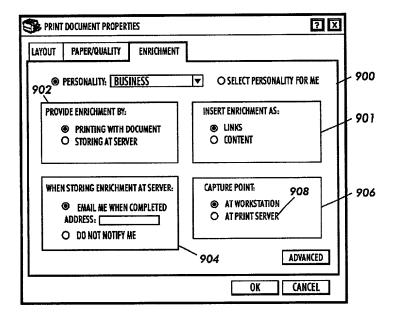
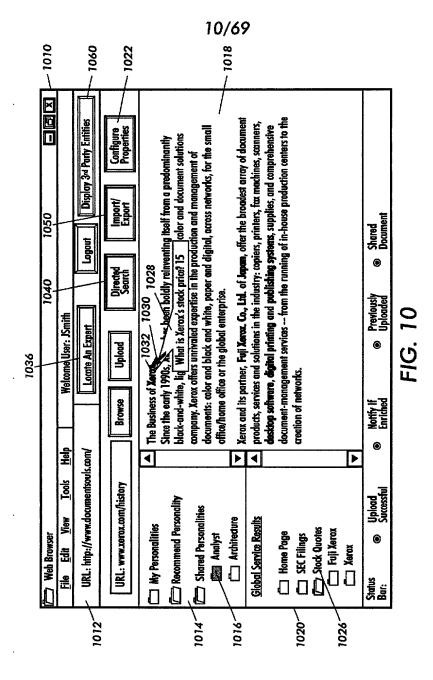


FIG. 9



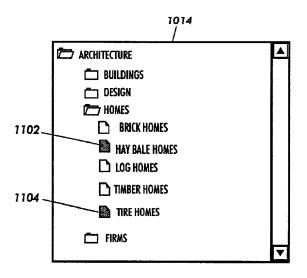


FIG. 11

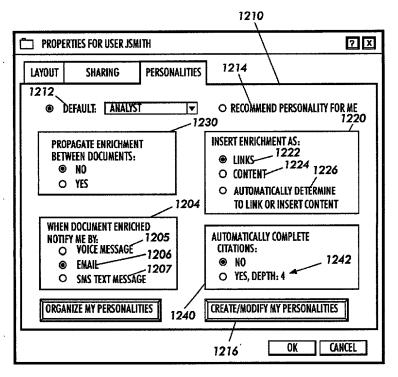
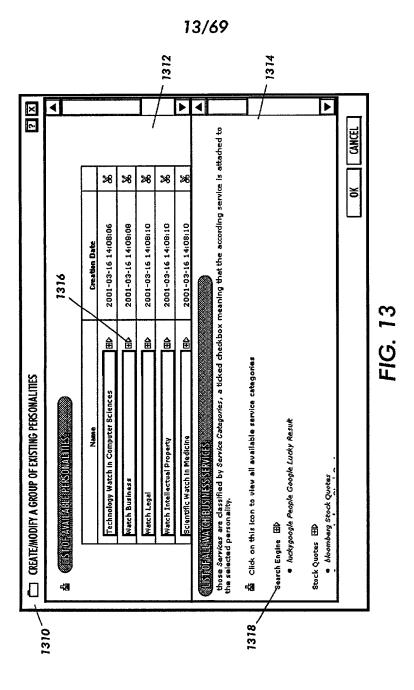
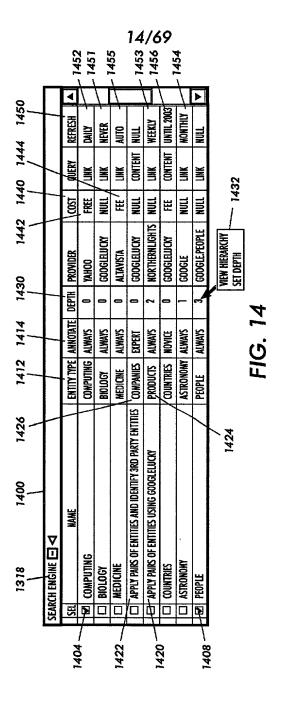


FIG. 12





	1502 /
☐ CRE	ATE/MODIFY MY PERSONALITIES
NAA	ME: BROWSE 1504
•	CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES 1506
0	USE SELECTED DOCUMENTS AND/OR FOLDERS TO CREATE A NEW PERSONALITY  BROWSE  1509 1508
0	USE SELECTED FILE/WEBSITE TO CREATE A NEW PERSONALITY BROWSE 1510
0	CREATE QUESTION FORM USING PERSONALITY LEXICONS QUESTION: 1520
Hi 1516	nt: 1514
*	KNOWLEDGE ⊕ NOVICE LEVEL: O EXPERT 1512 OK CANCEL

FIG. 15

	1600	
CREATE/	MODIFY A GROUP OF EXISTING PERSONALITIES	? X
NAME:	TECHNOLOGY WATCH IN ORGANIC CHEMISTRY  OPERATION:  MERGE—1602  SUBTRACT—7604  PERSONALITY A  WITH/FROM	
	PERSONALITY B	OK CANCEL

FIG. 16

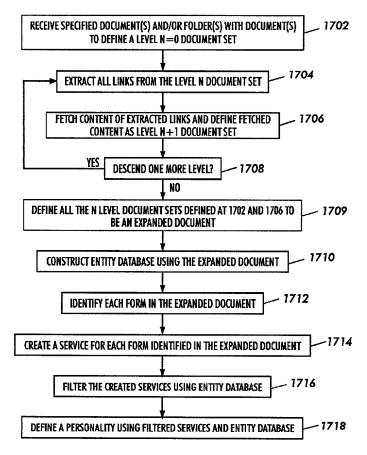
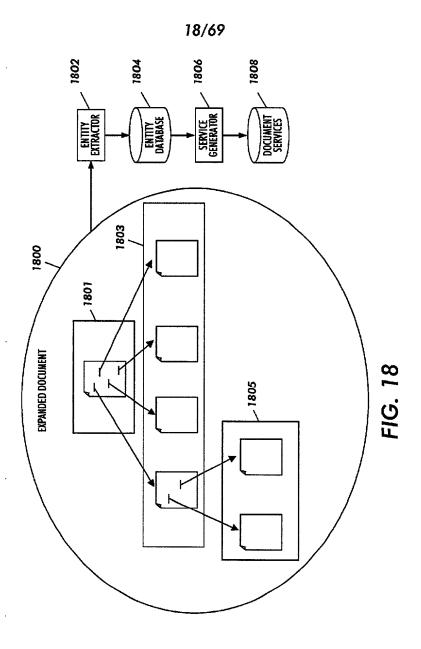


FIG. 17



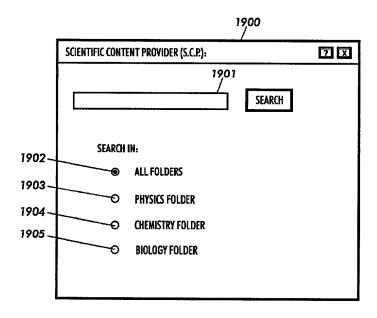


FIG. 19

S	SCIENTIFIC SEARCH 🖃 🗸								Γ
몴	NAME	ENTITY TYPE   ANNOTATE   DEPTH	ANNOTATE	DEPTH	PROVIDER	TSOS	QUERY REFRESH	REFRESH	<b>!</b>
	EZI ALL FOLDERS RESULT OF SCIENTIFIC CONTENT PROVIDER   STANDARD   ALWAYS	STANDARD	ALWAYS	0	S.C.P.	FREE	CONTENT NULL	NOLL	
	PHYSICS RESULT OF SCIENTIFIC CONTENT PROVIDER	PHYSICS	ALWAYS	0	S.C.P.	EREE	CONTENT NULL	MULL	
믜	CHEMISTRY RESULT OF SCIENTIFIC CONTENT PROVIDER	CHEMISTRY ALWAYS	ALWAYS	0	S.C.P.	FRE	CONTENT NULL	MALL	
믜	☐ BIOLOGY RESULT OF SCIENTIFIC CONTENT PROVIDER	BIOLOGY	ALWAYS	0	S.C.P.	FREE	CONTENT NULL	NOLL	D
	2002	2004							
		I	FIG. 20	0					

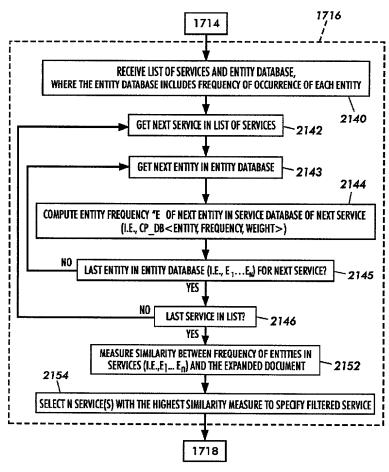
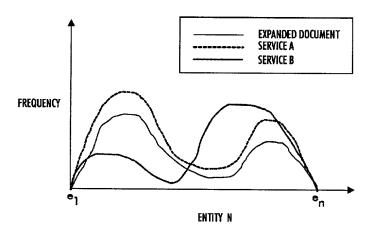


FIG. 21



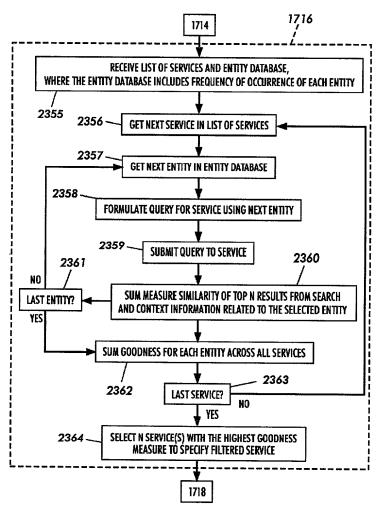


FIG. 23

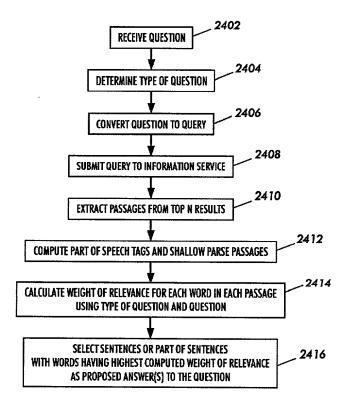


FIG. 24

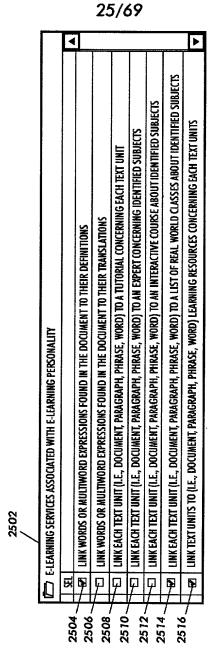


FIG. 25

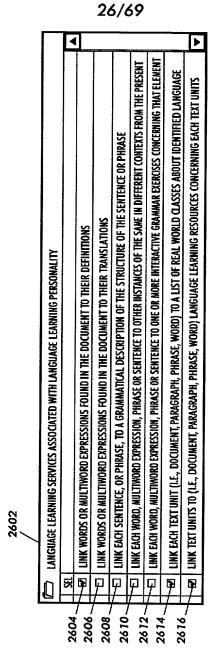


FIG. 26

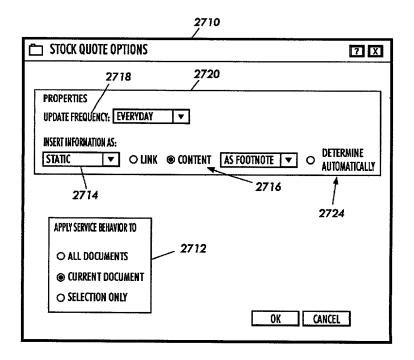
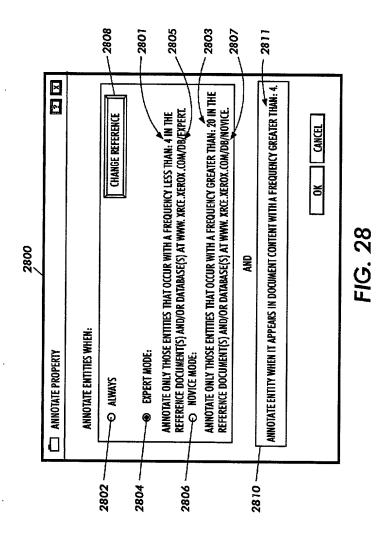


FIG. 27

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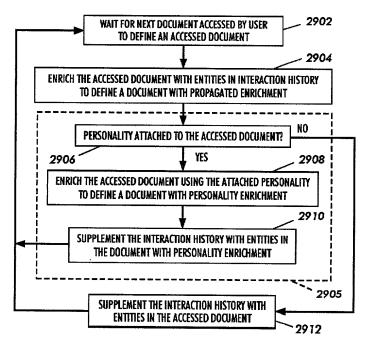


FIG. 29

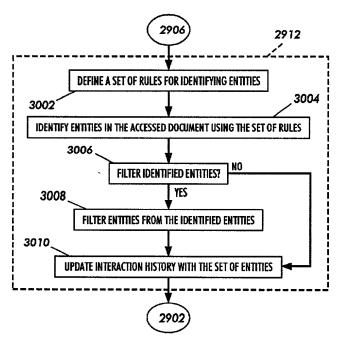
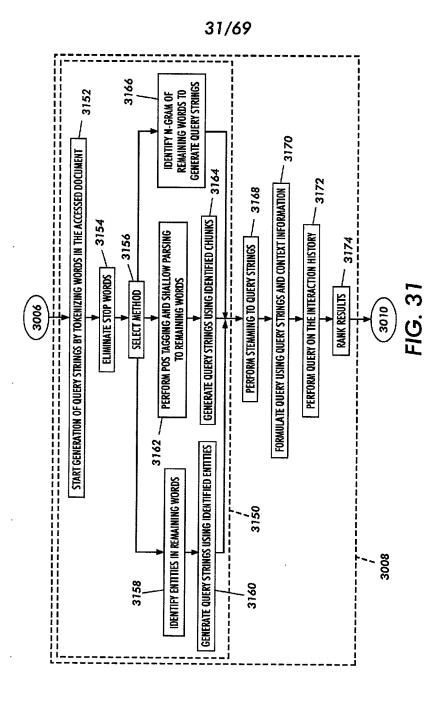
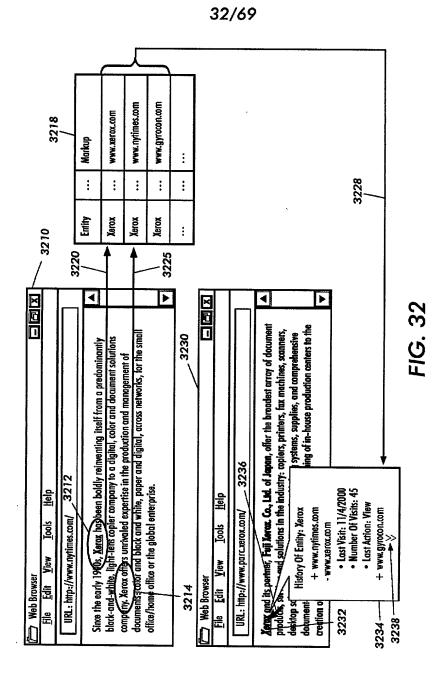


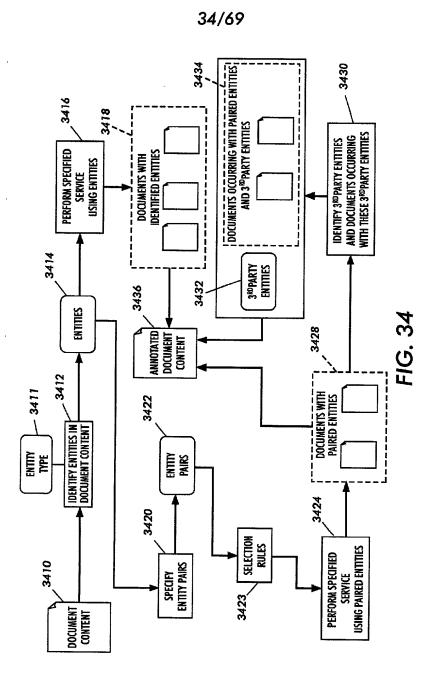
FIG. 30

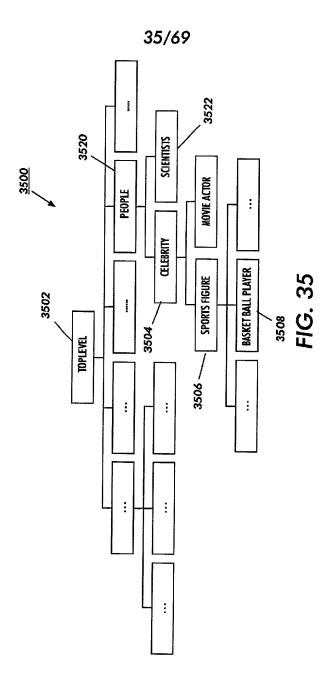


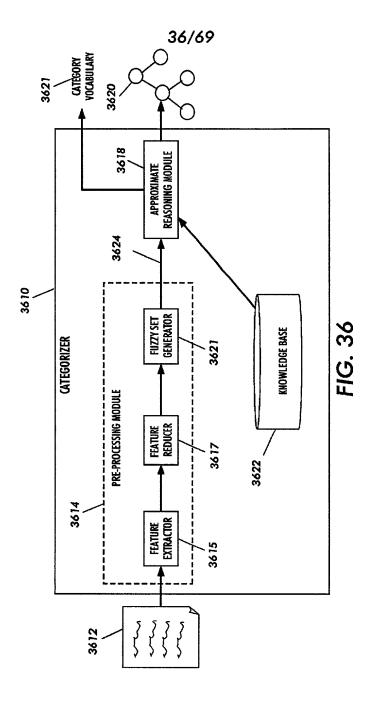


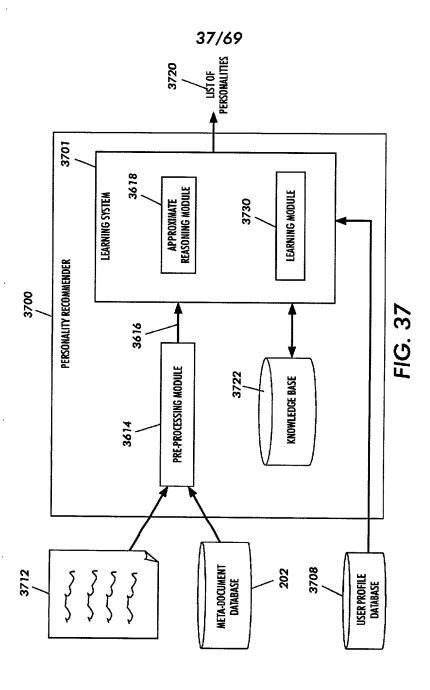
					3218			
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XEROX	BUSINESS	45	11/4/2000	VIEW (43), PRINT(2)	BUSINESS	94	NOON	WWW.XEROX.COM
XEROX	BUSINESS	-	1/2001	VIEW(1)	FINANCE	689	NON	NOUN WWW.NYTIMES.COM
XEROX	BUSINESS	4	2/22/2001	EMAIL(1), VIEW(3)	COMPUTER 343	343	NOON	WWW.GYROCON.COM
:		:		:	:	•••	•••	•••

FIG. 33

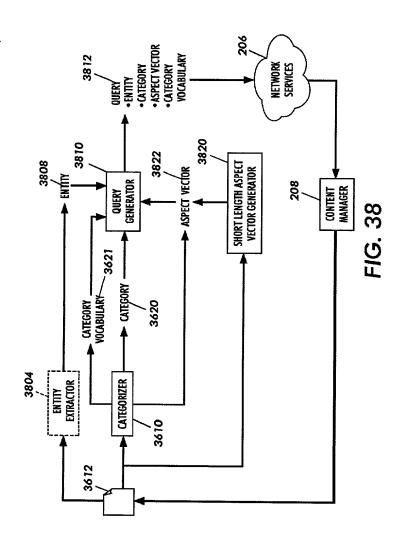


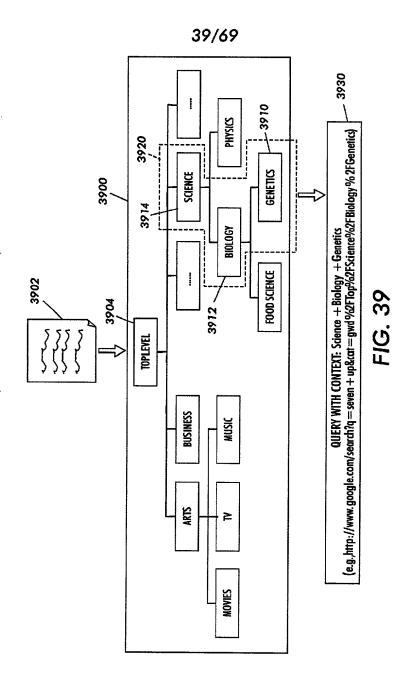


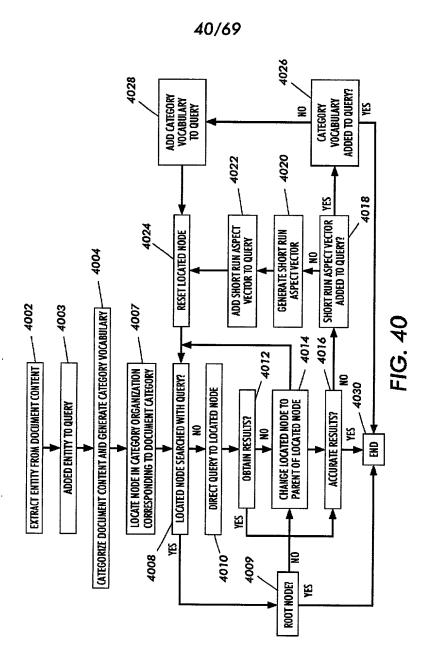


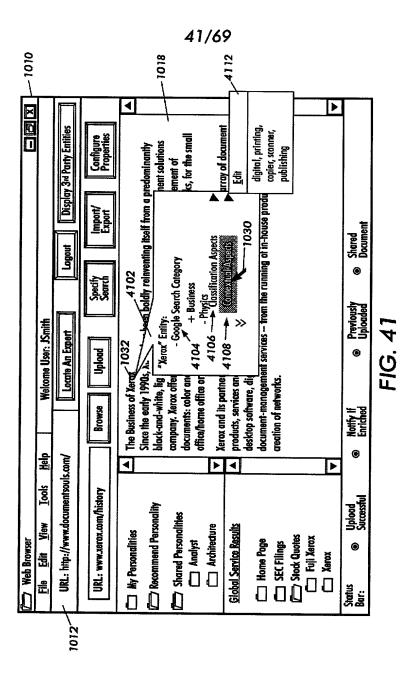


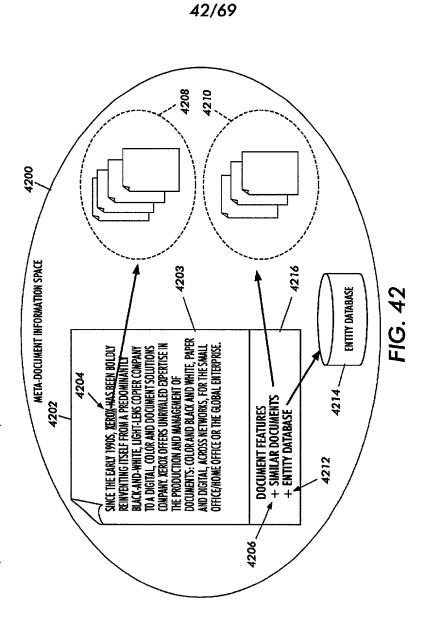
38/69



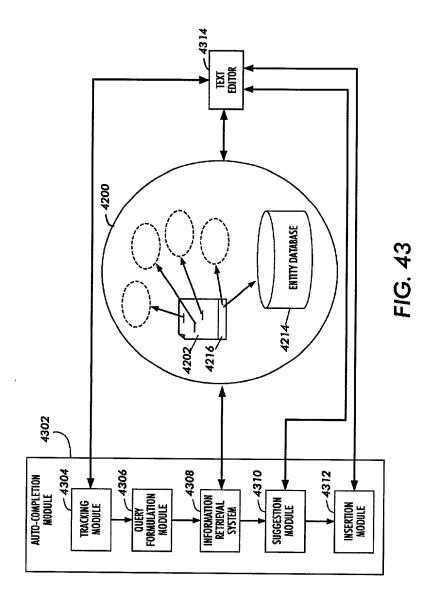


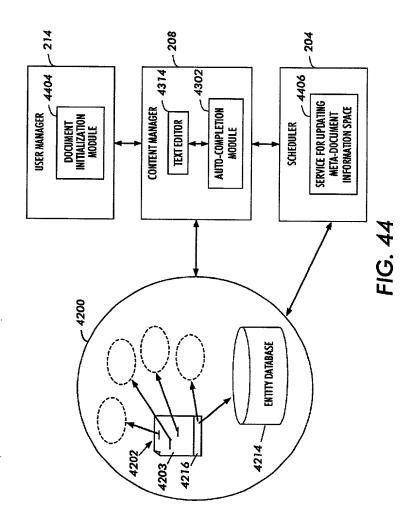




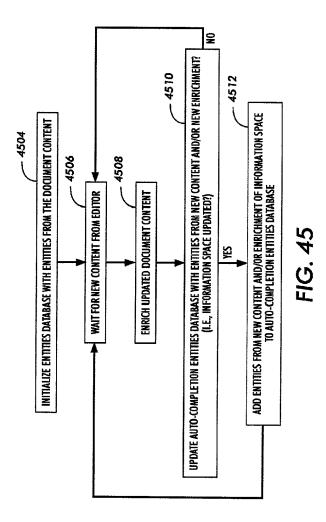








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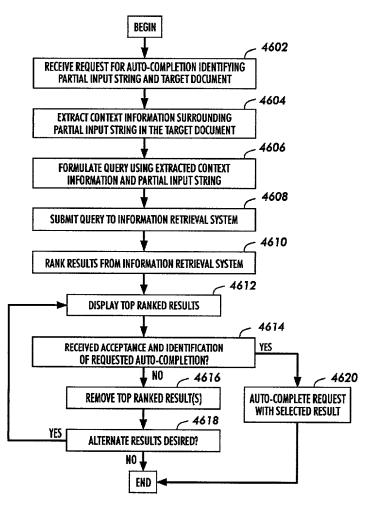
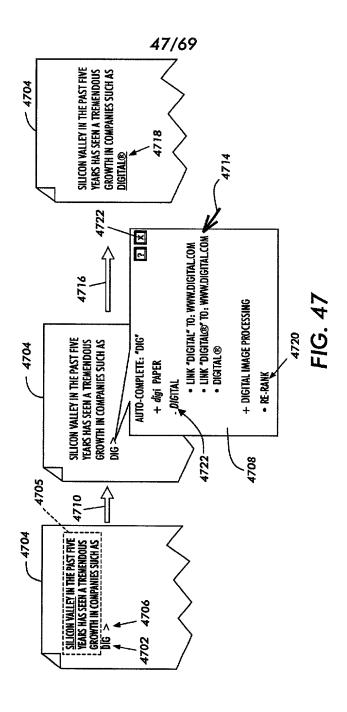
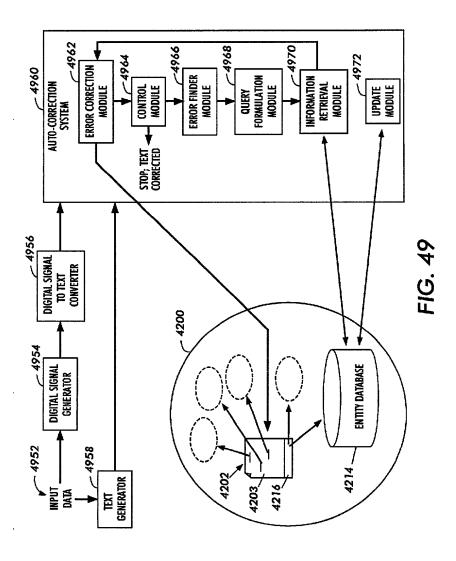


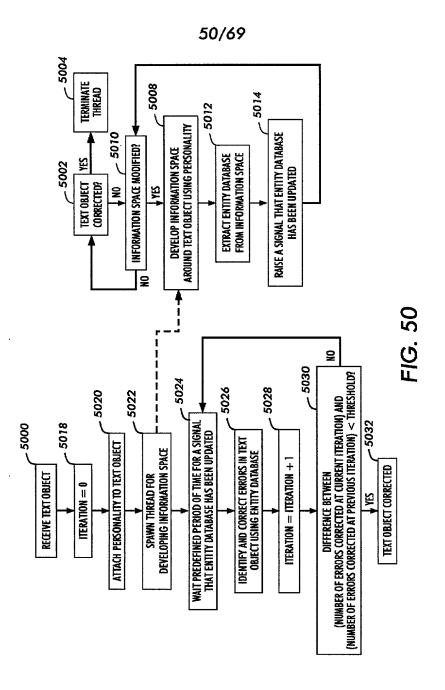
FIG. 46



(A) KEY	(B) ENTITY	(C) MARKUP	(D) FORMAT	(E) ORIGIN	(F) ORIGIN POSITION	(G) PART OF SPEECH	(F) ORIGIN (G) PART OF (H) CONTEXT POSITION SPEECH
慧	Silicon Valley	www.siliconvalley.com Capitalize	Capitalize	TARGET DOCUMENT CONTENT	-	Noun	Science
Dig	Digital	www.digital.com	€	www.digital.com	434	Adjective	Science
Dig	DigiPaper	NONE	Bold	www.parc.xerox.com	23	Noun	Science
Dig	digress	NONE	NONE	www.nytimes.com	343	Verb	Politics
	•••		:	:	:	:	:

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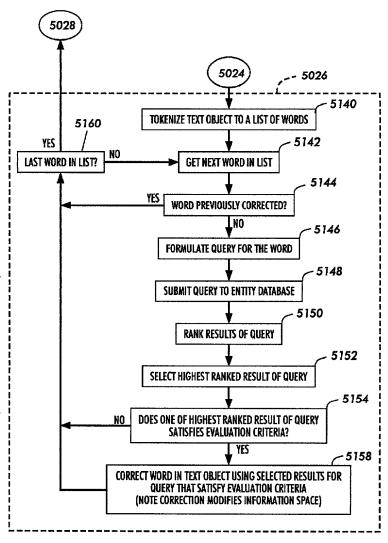
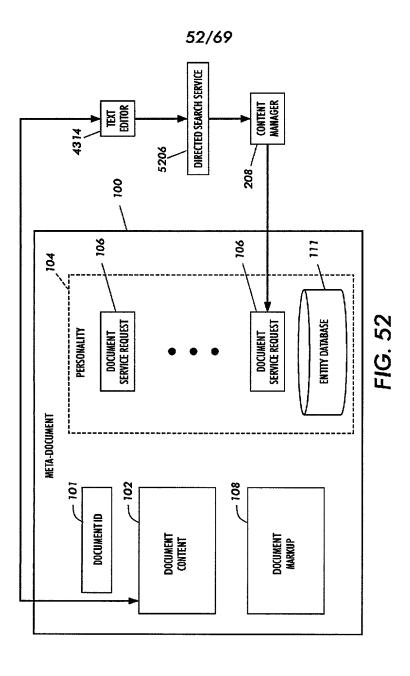


FIG. 51



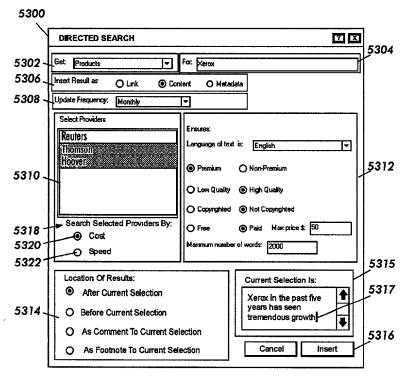
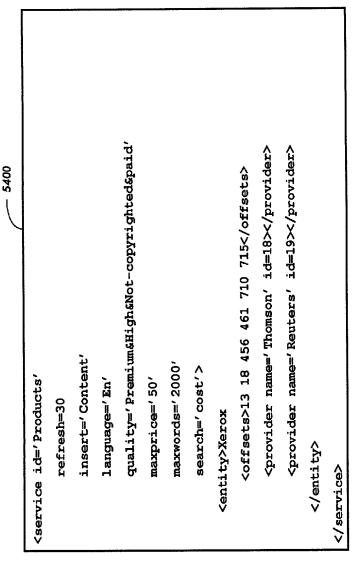


FIG. 53



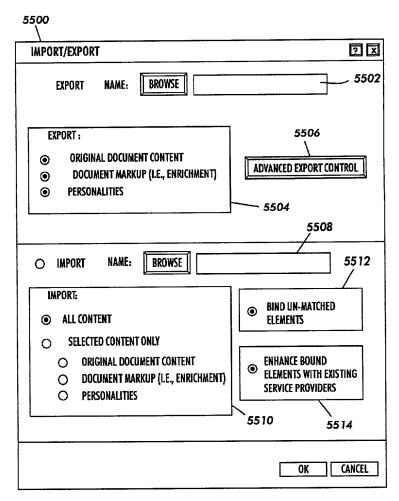


FIG. 55

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                                                                                                                                                                                                                                                                         <docsouls:originaldoc format="HTML">toto.html</docsouls:originaldoc>
                       <docsouls:serverid> DS v1.0 server name </docsouls:serverid>
                                                                                                                                                                                                                                                                                                                                                                                    <!- LIST OF PERSONALITIES AND DOCUMENT SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <docsouls:personality id = " " name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <docsouls:service id="" name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <docsouls:provider name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <docsouls:provider name="" etc.>
                                                                                                 <docsouls:docid> xxx </docsouls:docid>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <docsouls:service id="" name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <docsouls:provider name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <docsouls:provider name="" etc.>
                                                                                                                                   <docsouls:name> xxx </docsouls:name>
                                                                                                                                                                                                                                            <!-- ORIGINAL DOCUMENTS DOCUMENT CONTENT>
                                                                                                                                                                        <docsouls:owner> xxx </docsouls:owner>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <!-- LIST OF SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 </docsouls:endowmentdescription>
                                                                 <!- PROPERTIES OF DOCUMENT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                           <!-- LIST OF PERSONALITIES>
                                                                                                                                                                                                                                                                                                                                                                                                                              <docsouls:endowmentdescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           </docsouls:service>
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<!- SERVER ID>
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<docsouls:servicestatus status="mapped" originalid="" originalserver="">>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  <!-- list ServerId if the service was not available on current server>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <!-- list all fields (e.g., "refresh period", category, etc.)>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      <!-- list status of services (original, frozen, mapped, etc.)>
                                                                                                                      <!-- all the fields AND service categories>
                                                                                                                                                           <docsouls:servicecategory id="" name = "">
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      <docsouls:servicedescription>
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<!- DESCRIPTIONS OF PERSONALITIES>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <!-- list all strategies>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <!-- list all providers>
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<!- OTHER RESULTS (E.G. KEYWORDS, CATEGORIES, ETC. >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <docsouls:content> xxx </docsouls:content>
                                                                                       <!-- all the fields e.g. key, URL, etc.>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <!- RESULTS OF GLOBAL SERVICES >
                                                                                                                                                                                                <!- DESCRIPTION OF DICTIONARIES>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  </docsouls:strategydescription>
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<!- DESCRIPTION OF PROVIDERS:
                                                                                                                                                                                                                                                                                                                                                                                              <!- DESCRIPTION OF STRATEGY>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     </docsouls:globalservice>
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< !-- LIST OF OFFSETS WHERE ENTITY IS FOUND IN TEXT RELATIVE TO SECTION >
<!- (OPTIONAL) DESCRIPTION OF ENRICHMENT PERFORMED AT OTHER DOCUMENT ENRICHMENT</p>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <!-- NORMALIZED FORM >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <!-- DICTIONARIES >
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <docsouls:entity>Xerox
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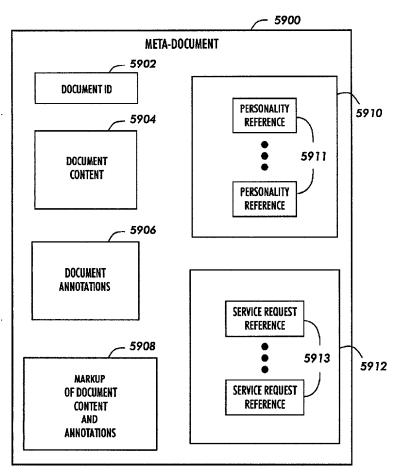
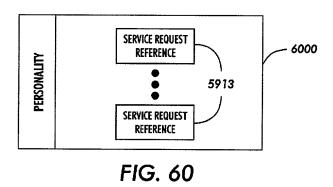


FIG. 59



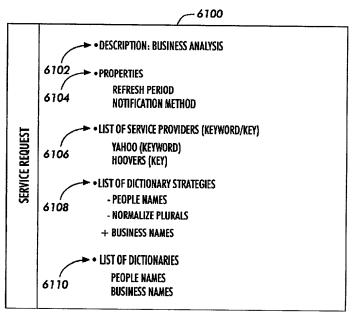
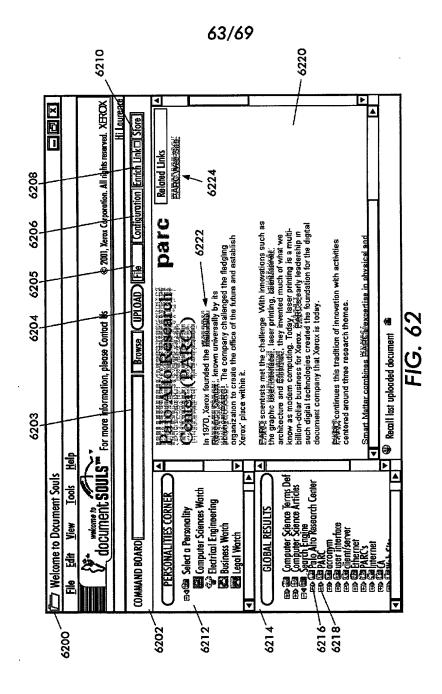
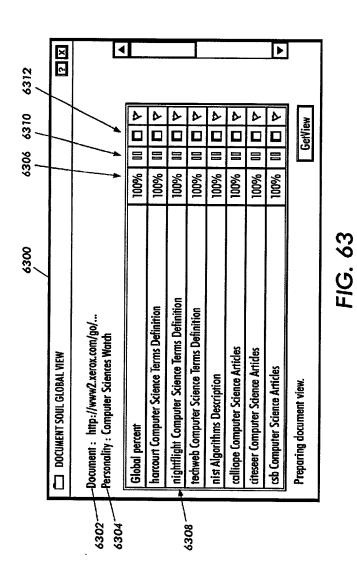


FIG. 61



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SUB\_TYPE=Utility\_Patent\_Filing EFS\_ID=13167 APP\_ID=09683238 DOC\_TYPE=specification

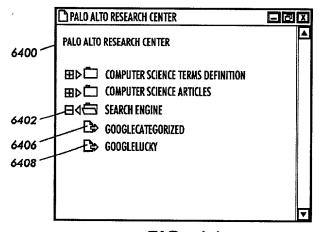
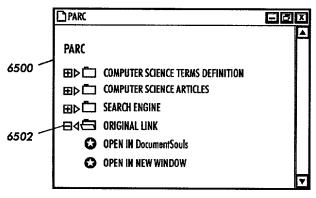
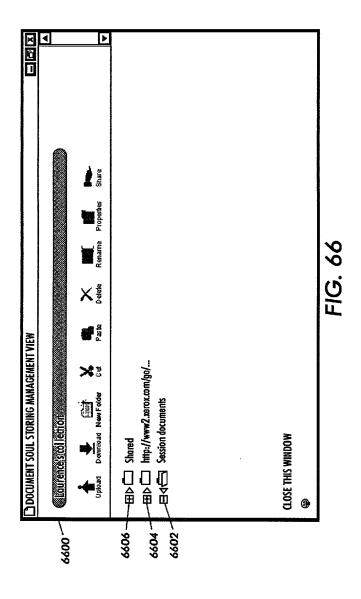


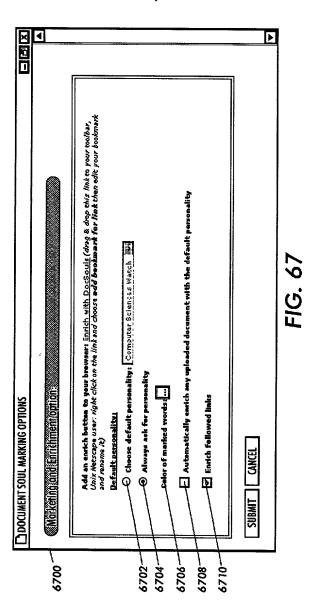
FIG. 64



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